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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Peter Adebjörk et al.

Application No.: -- U.S. National Phase
of PCT/SE00/00034

Filed: July 16, 2001

Examiner: --

Art Unit --

5/ Prel. amdt. A
E. Willis
1-10-02

Title: REDUNDANT SYSTEM FOR THE INDICATION OF HEADING AND
ATTITUDE IN AN AIRCRAFT

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

Prior to examination, please amend the above-identification as follows:

In the Claims:

Please amend the claims as follows:

Clean Copy of Amended Claims

A1 3. Method according to claim 1, characterised in that attitude is integrated out via information about the body-frame angular rates (p, q and r) obtained from the aircraft-fixed angular rate gyros of the aircraft.

A2 8. Method according to claim 6, characterised in that in a second filter (22) is performed estimation of attitude errors and heading errors that arise on integration of the aircraft's body-frame angular rates (p, q and r) obtained from the aircraft's body-frame angular rate gyros, where the estimation is done with the aid of attitude calculated from